Appl. No. : 10/539,687 Filed : July 14, 2005

AMENDMENTS TO THE CLAIMS

- 1. (Currently amended) A liquid toner digital press imaging composition comprising a fine particulate toner dispersed in a liquid vehicle together with a binder, wherein said dispersed particulate toner can be applied to a printable substrate to form a toner image, wherein the composition comprises, in addition to the toner, and a security ingredient which is a reactant reactable in-use with a complementary reactant carried by a the printable substrate so as to produce a recognizable security feature that is be detectably retained in or on the substrate in the event of fraudulent alteration or removal of an image produced by of the toner image.
- 2. (Previously presented) A liquid toner digital press imaging composition as claimed in claim 1, wherein the security ingredient is a reactant reactable in use with a complementary reactant carried by the printable substrate so as to generate a colored, fluorescent or chemically-detectable image in or on the substrate having the same configuration as the toner-printed image
- (Previously presented) A liquid toner digital press imaging composition as claimed in claim 1, wherein the security ingredient is colorless.
- 4. (Previously presented) A liquid toner digital press imaging composition as claimed in claim 1, wherein the said security ingredient is absorbed and/or wicked away by the substrate so as to produce a "halo" effect around the periphery of the toner image and/or an image on the opposite surface of the substrate.
- (Previously presented) A liquid toner digital press imaging composition as claimed in claim 3, wherein the security ingredient is a colorless chromogenic material of the kind used for image generation in pressure-sensitive copying papers.
- 6. (Previously presented) A liquid toner digital press imaging composition as claimed in claim 5, wherein the colorless chromogenic material is selected from the group consisting of 3,3-bis (1-n-octyl-2-methylindol-3-yl) phthalide or 3,3-bis(4-dimethylaminophenyl)-6- dimethylaminophthalide, 3-diethylamino-6-methyl-7-(2',4'-dimethylamilino) fluoran or 3-diethylamino-7-dibenzylaminofluoran, and mixtures thereof.

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(Original) A liquid toner digital press imaging composition as claimed in claim
wherein the security ingredient is a magnetic or conductive material.

- (Previously presented) A liquid toner digital press imaging composition as claimed in claim 1, wherein more than one security ingredient is present.
- 9. (Currently amended) A liquid toner digital press imaging system comprising a liquid toner digital press imaging composition and a printable substrate, wherein the imaging composition comprises a fine particulate toner dispersed in a liquid vehicle together with a binder, wherein said dispersed particulate toner is applied to a printable substrate to form a toner image, and, in addition to the toner, a security ingredient which is a reactant reactable in use with a complementary reactant carried by the printable substrate so as to produce a recognizable security feature that is be detectably retained in or on the substrate in the event of fraudulent alteration or removal of an image produced by the toner image.
- 10. (Currently amended) A liquid toner digital press imaging system comprising a liquid toner digital press imaging composition and a printable substrate, wherein the imaging composition comprises a fine particulate toner dispersed in a liquid vehicle together with a binder, wherein said dispersed particulate toner is applied to a printable substrate to form a toner image, and, in addition to the toner; a security ingredient which is a reactant reactable in-use with a complementary reactant carried by a printable substrate so as to produce a recognizable security feature that is be detectably retained in or on the substrate in the event of fraudulent alteration or removal of an image produced by the toner image, and wherein the security ingredient is as claimed in either of claims 2 or 7.
- 11. (Previously presented) A liquid toner digital press imaging system as claimed in claim 10, wherein when the security ingredient is a colorless chromogenic material of the kind used for image generation in pressure-sensitive copying papers, the printable substrate carries a color developer of the kind used in such papers for developing the color of the chromogenic material.

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> (Previously presented) A liquid toner digital press imaging system as claimed in claim 11, wherein the color developer is incorporated inside the substrate.

> 13. (Previously presented) A liquid toner digital press imaging system as claimed in claim 12, wherein the color developer is selected from the group consisting of acid-washed montmorillonite clays, phenolic-resins, organic acids or metal salts thereof, salicylated phenolic resins, and mixtures thereof.

> 14. (Previously presented) A liquid toner digital press imaging system as claimed in claim 9, wherein the printable substrate carries sensitizers or other conventional security chemicals

> 15. (Previously presented) A liquid toner digital press imaging system as claimed in claim 9, wherein the substrate is a natural paper or a synthetic paper.

> 16. (Currently amended) An anticounterfeiting method against fraudulent alteration or removal of an image produced by a toner on a substrate, comprising applying an imaging composition to a printable substrate, wherein the imaging composition comprises a fine particulate toner dispersed in a liquid vehicle together with a binder, wherein said dispersed particulate toner is applied to a printable substrate to form a toner image, and a security ingredient which is a reactant reactable with a complementary reactant carried by the printable substrate to produce a recognizable security feature comprising a detectable reaction product retained on the substrate in the event of fraudulent alteration or removal of an image produced by the toner image.

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